

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-021341**Date Inspected:** 24-Feb-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Corporation, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Mr. Peng wen jun**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Service Platform Handrails**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Delbert Humphrey was present during the times noted above for observations relative to the work being performed at ZPMC.

OBG Bay # 16

WELDING

This QA Inspector observed the following work in progress:

The following items for the Service Platform handrails were being cut to length for fabrication assembly, P45 (2.54 X 2.54CM square bar), P37 (T.S.6.35 X 6.35), P19 (5.08 pipe).ZPMC Quality Control (QC) is identified as Xu Tas.

Dimensions were being laying out on steel barriers W5-SB15-001.

FCAW welding of weld identified as SA3006A-001, located on OBG frame, SA3006A, welder is identified as 201905, ZPMC Quality Control (QC) is identified as Mr. Peng wen jun. The welding variables recorded by QC appeared to comply with WPS-B-T-2133-ESAB.

FCAW welding of weld identified as SA3007C-003, located on OBG frame, SA3007C, welder is identified as 2216839, ZPMC Quality Control (QC) is identified as Mr.Peng wen jun. The welding variables recorded by QC appeared to comply with WPS-B-T-2133-ESAB.

WELDING INSPECTION REPORT

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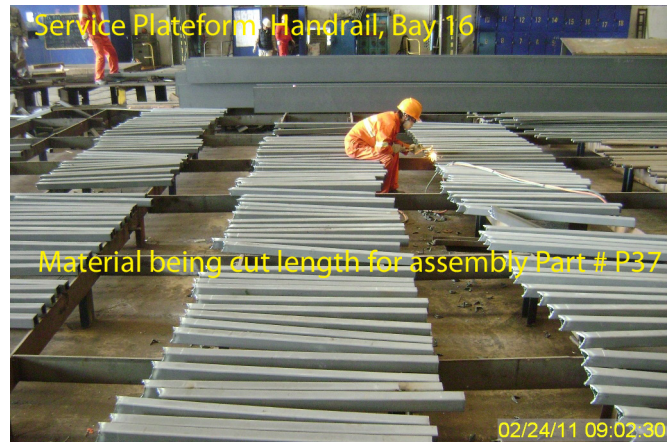
OBG Bay # 28

This QA Inspector observed the following work in progress:

Holes for M13 flat head cap screws were being drilled for Steel Barriers W2-SB008-001-001, 002, 003. W2-SB008 and E5-SB012 were being assembled together for final inspection. ZPMC Quality Control (QC) is identified as Yang Bai Qiany.

This QA inspector performed VT testing on Steel Barriers E5-SB012 and W5-SB008 for green tag numbers 015038 and 015037 per notification # 08380.

Unless otherwise noted, all work observed on this date appeared to be in general compliance with the applicable contract documents.



Summary of Conversations:

No relevant conversations were reported on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Humphrey, Delbert	Quality Assurance Inspector
Reviewed By:	Hall, Steven	QA Reviewer
